II. CLAIM AMENDMENTS

1. (Currently Amended) An optical measuring device ~~(10)~~ for providing a measurement of an optical device under test -DUT- ~~(60)~~ comprising:

a measuring unit ~~(20)~~ adapted for providing an optical stimulus signal for the DUT ~~(60)~~ and/or receiving a response signal of the DUT ~~(60)~~, and

a visual fault localization unit ~~(30)~~ adapted for visually localizing faults within the DUT ~~(60)~~ or a connection thereto.

2. (Currently Amended) The optical measuring device ~~(10)~~ of claim 1, wherein the measuring unit ~~(20)~~ and the visual fault localization unit ~~(30)~~ are coupled to a signal direction unit ~~(40)~~, and the signal direction unit ~~(40)~~ is further coupled to a connector ~~(50)~~ representing an interface of the optical measuring device ~~(10)~~ for coupling the DUT thereto.

3. (Currently Amended) The optical measuring device ~~(10)~~ of claim 2, wherein the signal direction unit ~~(40)~~ is adapted to provide a signal direction for optical signals received by the measuring device ~~(10)~~ at the connector ~~(50)~~.

4. (Currently Amended) The optical measuring device ~~(10)~~ of claim 2~~ or 3~~, wherein the signal direction unit ~~(40)~~ is adapted to provide a signal direction for optical signals provided by the measuring unit ~~(20)~~ and/or the visual fault localization unit ~~(30)~~ through the connector ~~(50)~~ towards the DUT ~~(60)~~ and/or any optical network connected therebetween.

5. (Currently Amended) The optical measuring device ~~(10)~~ of claim 2~~ or any one of the claims 3-4~~, wherein the signal direction unit ~~(40)~~ comprises at least one of a switch or a coupling unit.

6. (Currently Amended) The optical measuring device ~~(10)~~ of claim 2~~ or any one of the claims 3-4~~, wherein the signal direction unit ~~(40)~~ is provided to allow both the visual fault localization unit ~~(30)~~ and the measuring unit ~~(20)~~ to couple optical signals to the connector ~~(50)~~, and to direct substantially all optical signals received by the measuring device ~~(10)~~ at the connector ~~(50)~~ to the measuring unit ~~(20)~~.

7. (Currently Amended) The optical measuring device ~~(10)~~ of claim 1~~ or any one of the above claims~~, wherein the visual fault localization unit ~~(30)~~ comprises a visual light source, preferably a red light source.

8. (Currently Amended) The optical measuring device ~~(10)~~ of claim 1~~ or any one of the claims~~, wherein the response signal is at least one of a signal emitted from the DUT or a signal of the DUT in response to an applied stimulus signal.

9. (Currently Amended) The optical measuring device ~~(10)~~ of claim 1~~ or any one of the above claims~~, wherein the DUT comprises at least one of a discrete optical component, a fiber, or a fiber network with or without discrete optical components.

10. (Currently Amended) The optical measuring device ~~(10)~~ of claim 1~~ or any one of the above claims~~ being one of an time domain reflectometer, preferably an optical time domain reflectometer, a WDM-tester, a chromatic dispersion tester, a

polarization mote dispersion (PMD) tester, a loss tester, a multi-path interference tester.